

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025008.D
 Acq On : 19 Apr 2023 18:39
 Operator : CG/JU
 Sample : PB152130BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS130

Quant Time: Apr 20 04:21:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 18:38:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

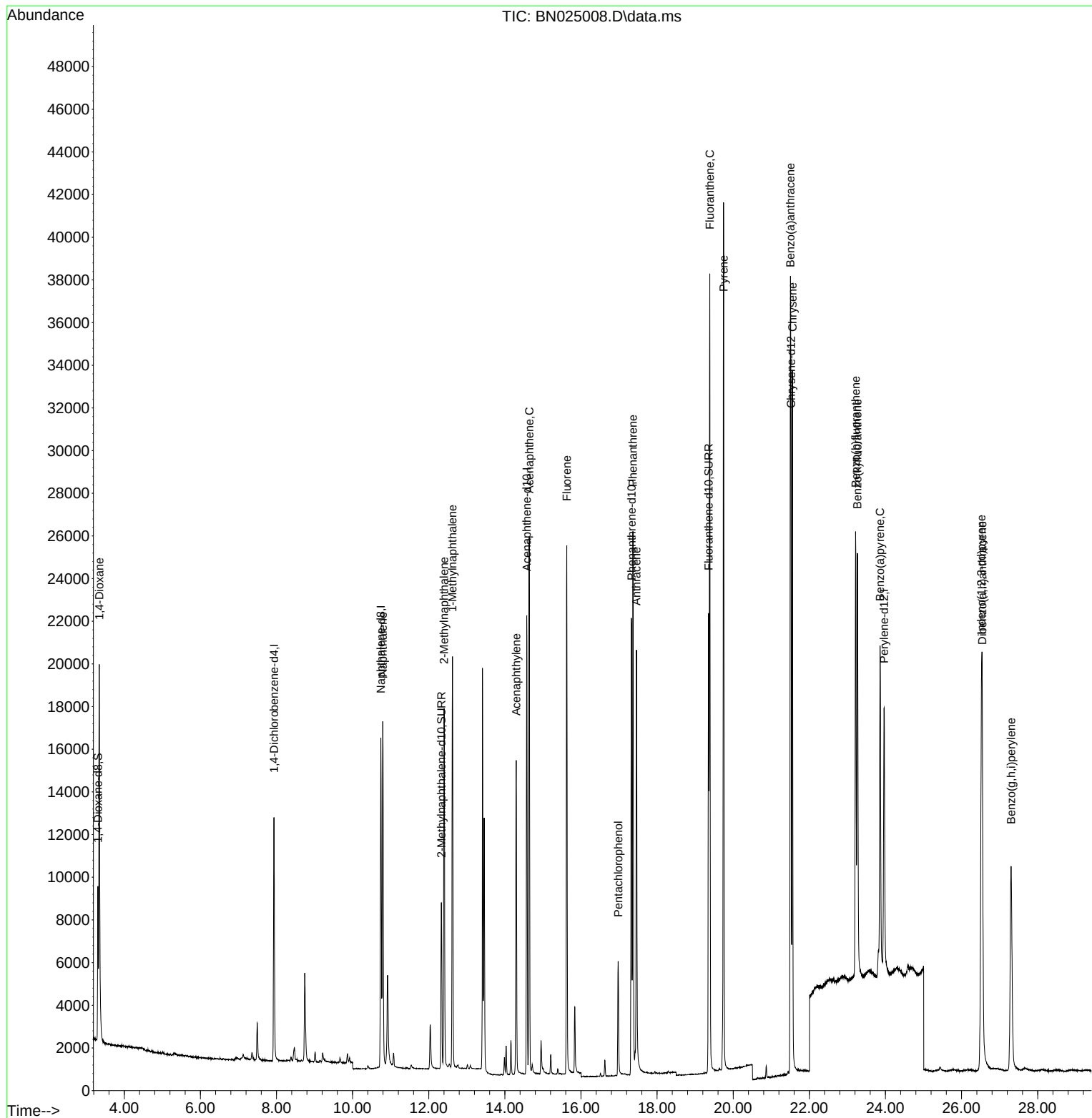
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.934	152	6233	0.400 ng/ul	0.00
4) Naphthalene-d8	10.743	136	19827	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.576	164	11518	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.327	188	25279	0.400 ng/ul	0.00
17) Chrysene-d12	21.518	240	20815	0.400 ng/ul	0.00
23) Perylene-d12	23.965	264	17764	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.310	96	4653	0.684 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10156	0.399 ng/ul	0.00
18) Fluoranthene-d10	19.355	212	24009	0.464 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.343	88	11848	1.580 ng/ul	96
5) Naphthalene	10.792	128	23593	0.467 ng/ul	99
7) 2-Methylnaphthalene	12.403	142	12259	0.390 ng/ul	99
8) 1-Methylnaphthalene	12.623	142	13194	0.396 ng/ul	100
10) Acenaphthylene	14.298	152	17420	0.403 ng/ul	98
11) Acenaphthene	14.640	153	14683	0.397 ng/ul	98
12) Fluorene	15.626	166	16046	0.387 ng/ul	98
14) Pentachlorophenol	16.976	266	3850	0.714 ng/ul	99
15) Phenanthrene	17.365	178	27760	0.390 ng/ul	99
16) Anthracene	17.457	178	23672	0.400 ng/ul	99
19) Fluoranthene	19.383	202	31652	0.442 ng/ul	100
20) Pyrene	19.745	202	33081	0.450 ng/ul	99
21) Benzo(a)anthracene	21.500	228	28513	0.434 ng/ul	100
22) Chrysene	21.556	228	29564	0.415 ng/ul	99
24) Benzo(b)fluoranthene	23.216	252	27344	0.384 ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	27418	0.394 ng/ul	99
26) Benzo(a)pyrene	23.859	252	22735	0.385 ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.521	276	26746	0.384 ng/ul#	99
28) Dibenzo(a,h)anthracene	26.542	278	21369	0.390 ng/ul	97
29) Benzo(g,h,i)perylene	27.303	276	22544	0.382 ng/ul	100

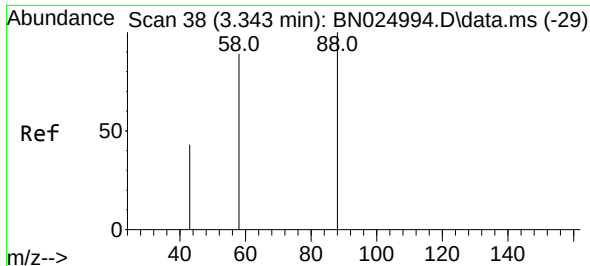
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
Data File : BN025008.D
Acq On : 19 Apr 2023 18:39
Operator : CG/JU
Sample : PB152130BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS130

Quant Time: Apr 20 04:21:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 18:38:47 2023
Response via : Initial Calibration

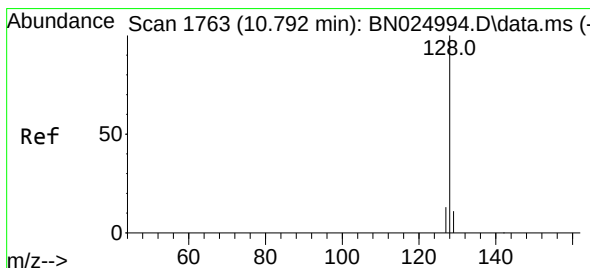
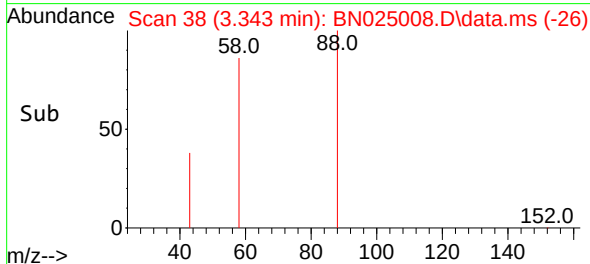
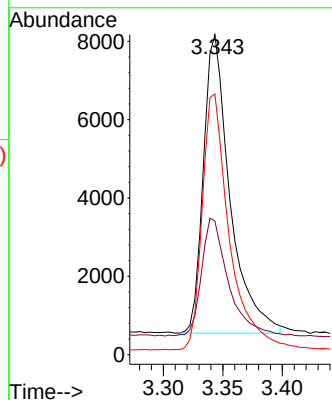
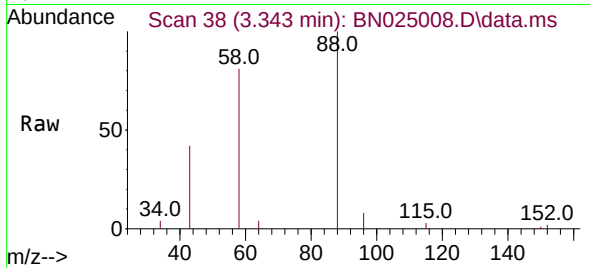




#2
 1,4-Dioxane
 Concen: 1.580 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025008.D
 Acq: 19 Apr 2023 18:39

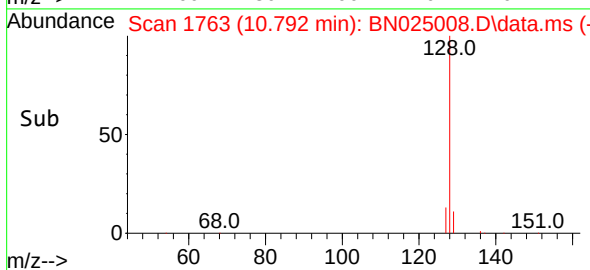
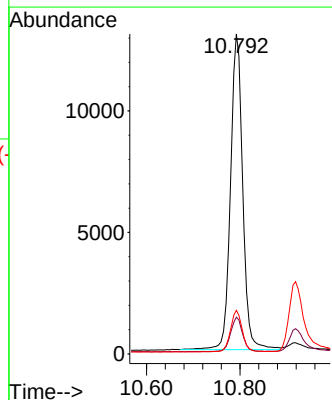
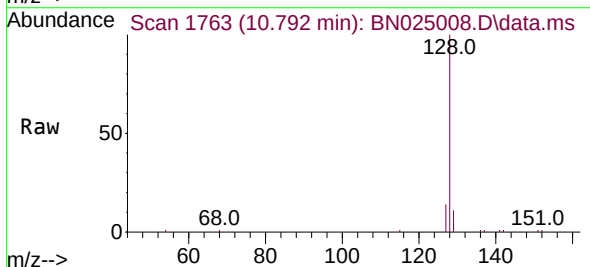
Instrument :
 BNA_N
 ClientSampleId :
 SLCS130

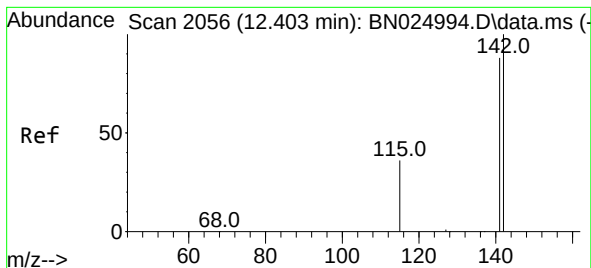
Tgt Ion: 88 Resp: 11848
 Ion Ratio Lower Upper
 88 100
 43 41.7 39.1 58.7
 58 81.5 65.7 98.5



#5
 Naphthalene
 Concen: 0.467 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025008.D
 Acq: 19 Apr 2023 18:39

Tgt Ion:128 Resp: 23593
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.6 10.5 15.7

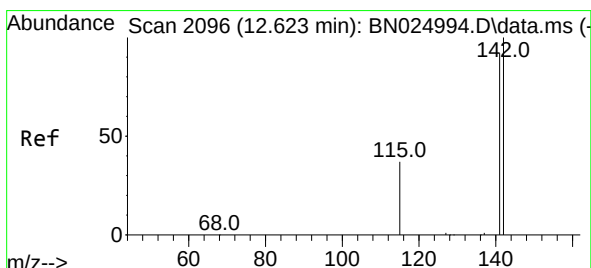
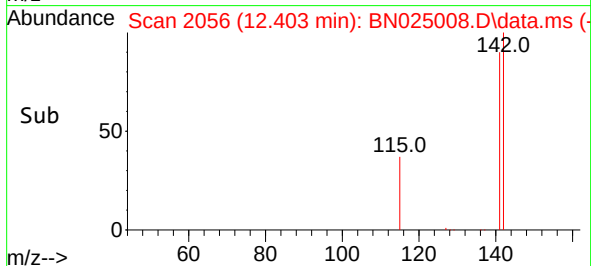
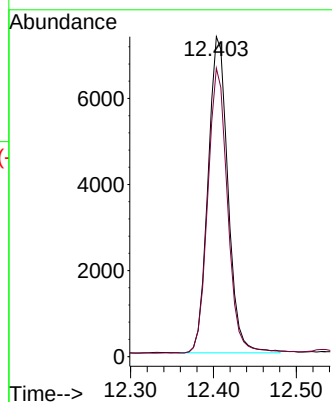
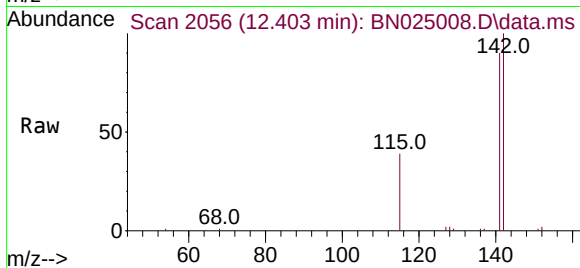




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

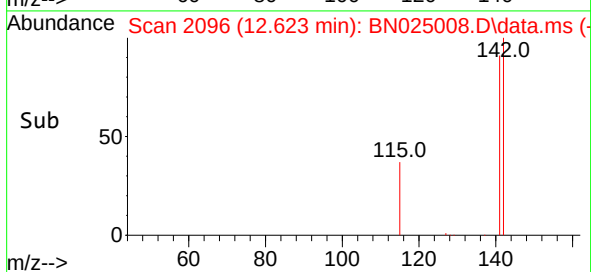
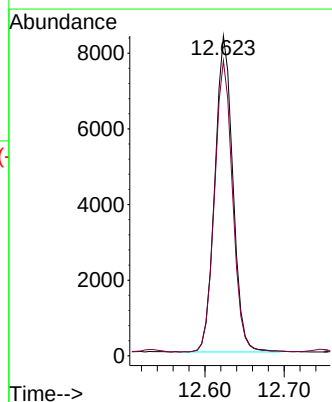
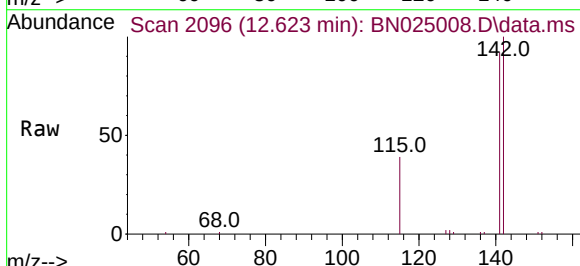
Instrument :
BNA_N
ClientSampleId :
SLCS130

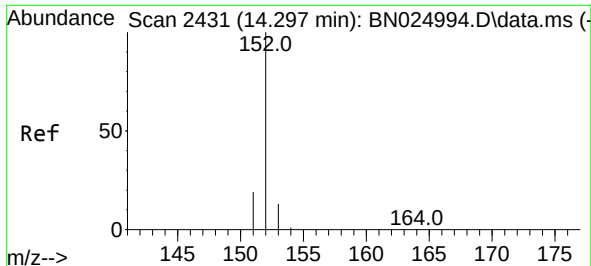
Tgt Ion:142 Resp: 12259
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:142 Resp: 13194
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0

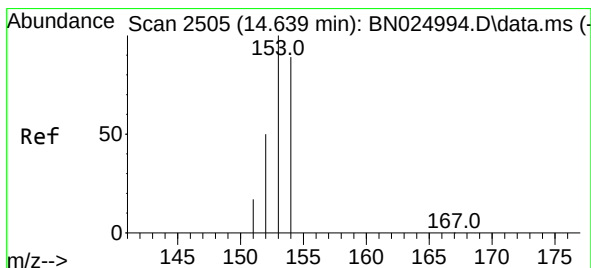
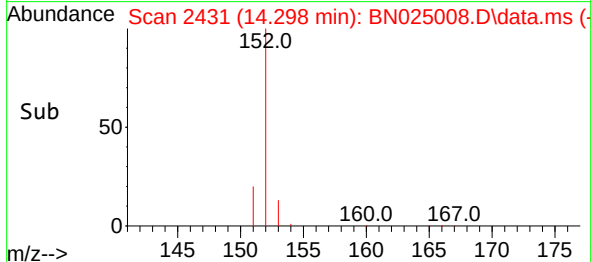
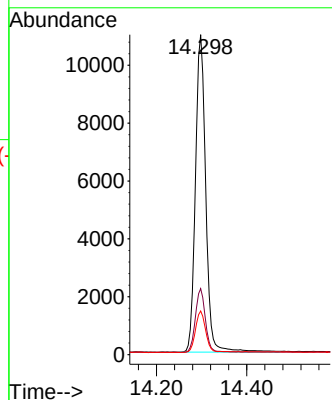
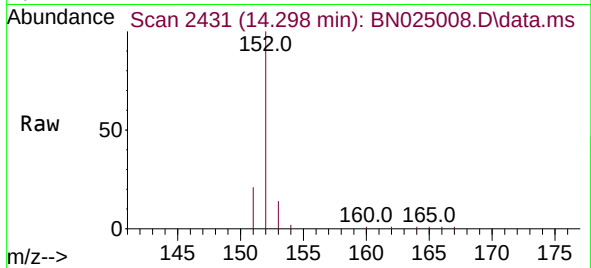




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

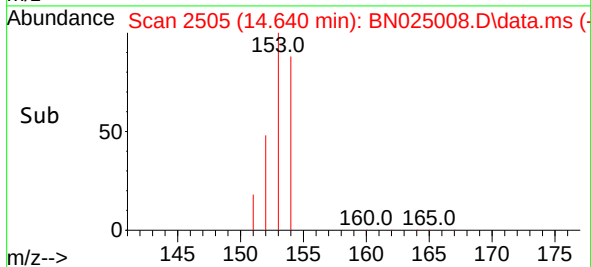
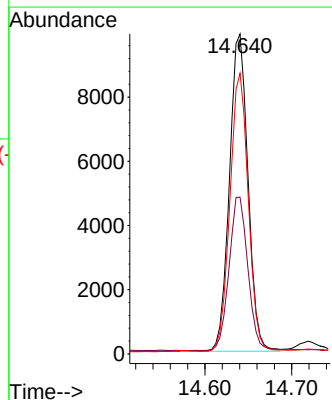
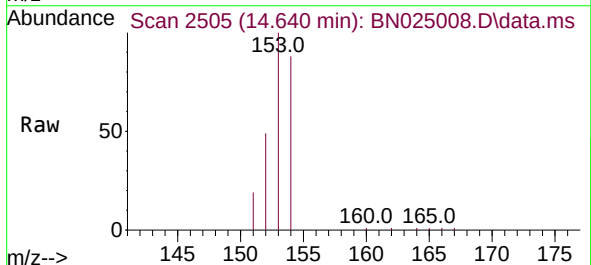
Instrument :
BNA_N
ClientSampleId :
SLCS130

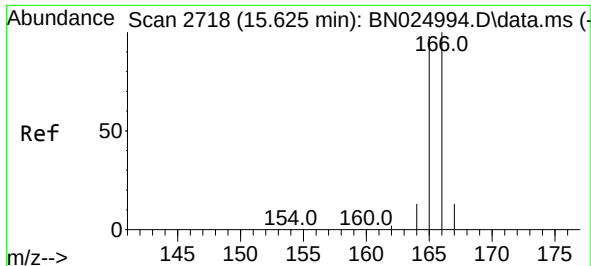
Tgt Ion:152 Resp: 17420
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:153 Resp: 14683
Ion Ratio Lower Upper
153 100
152 49.0 40.7 61.1
154 87.7 69.4 104.2

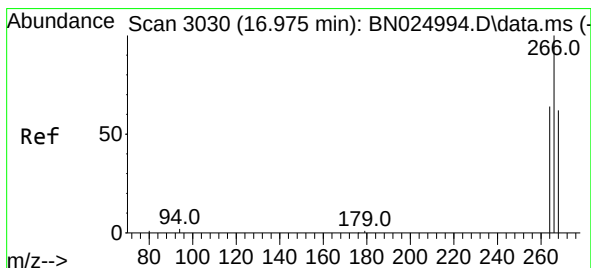
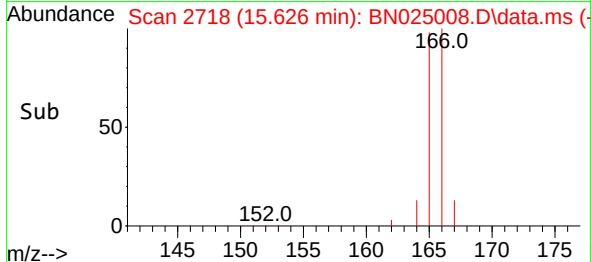
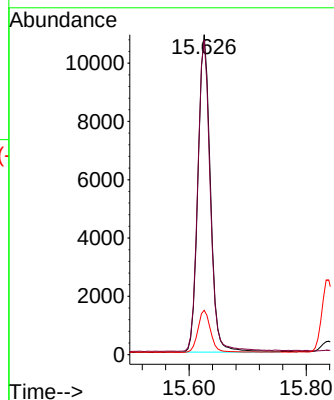
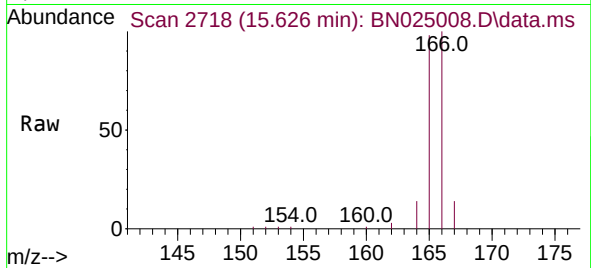




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.626 min Scan# 2718
 Delta R.T. 0.001 min
 Lab File: BN025008.D
 Acq: 19 Apr 2023 18:39

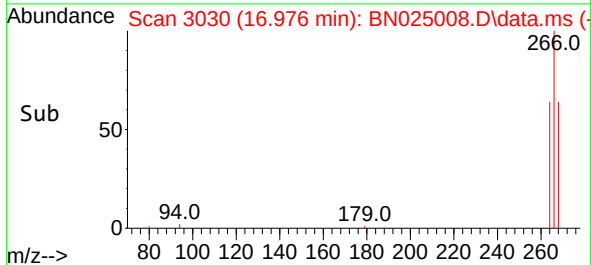
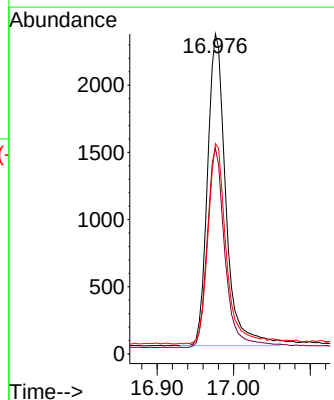
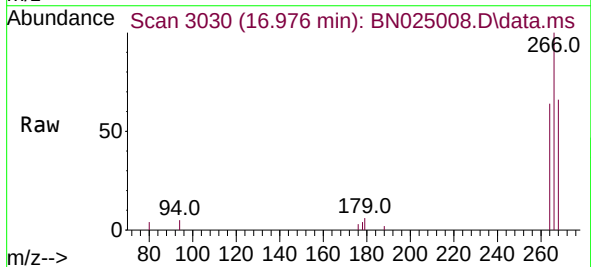
Instrument :
 BNA_N
 ClientSampleId :
 SLCS130

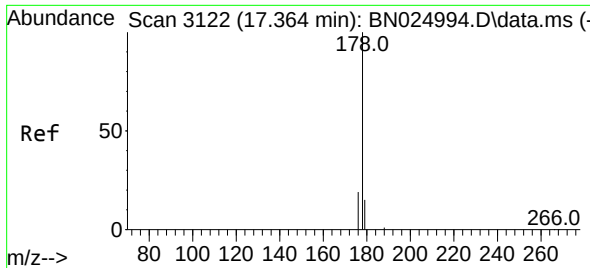
Tgt Ion:166 Resp: 16046
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.1 120.1
 167 13.9 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.714 ng/ul
 RT: 16.976 min Scan# 3030
 Delta R.T. 0.001 min
 Lab File: BN025008.D
 Acq: 19 Apr 2023 18:39

Tgt Ion:266 Resp: 3850
 Ion Ratio Lower Upper
 266 100
 264 62.1 51.2 76.8
 268 64.1 51.4 77.2

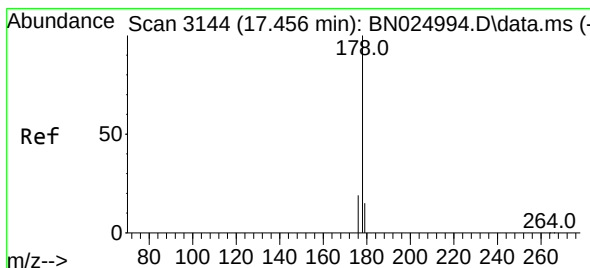
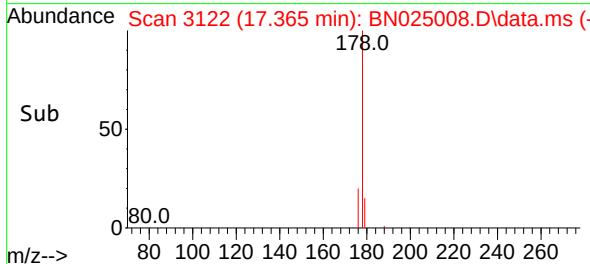
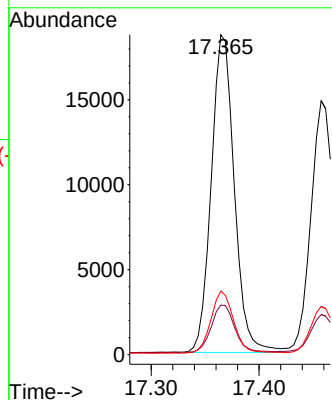
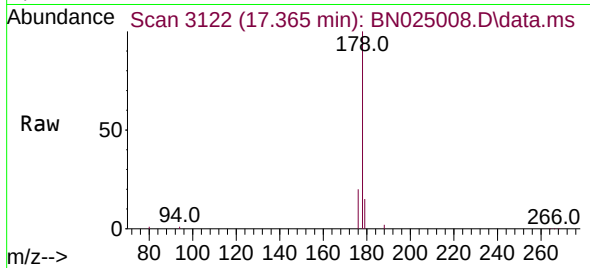




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.365 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

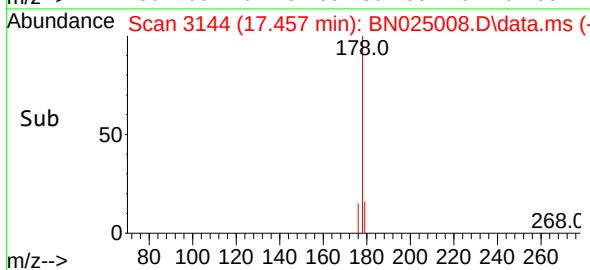
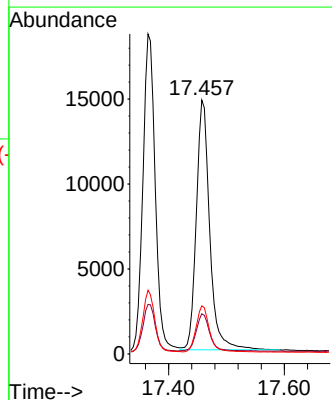
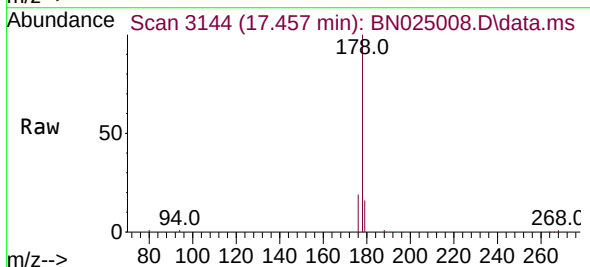
Instrument :
BNA_N
ClientSampleId :
SLCS130

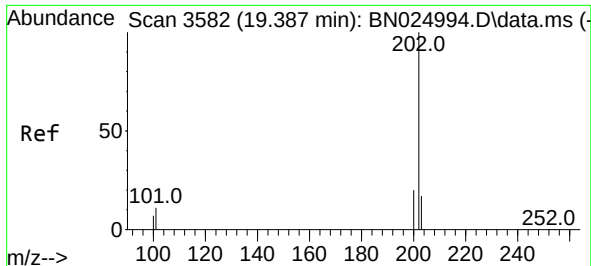
Tgt Ion:	178	Resp:	27760
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.9	15.4	23.0



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:	178	Resp:	23672
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	19.0	14.7	22.1

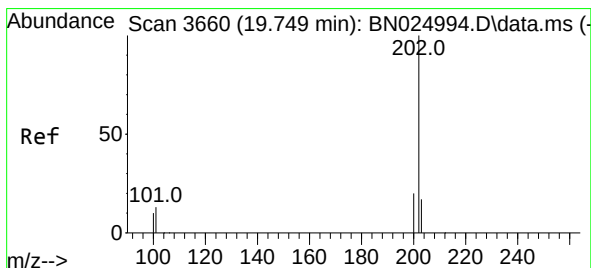
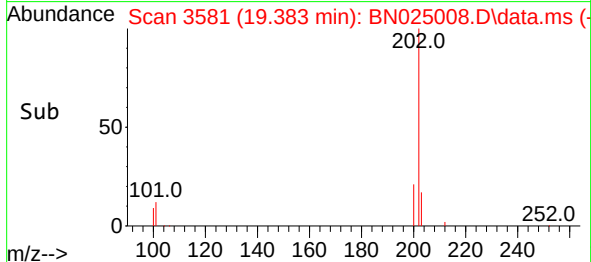
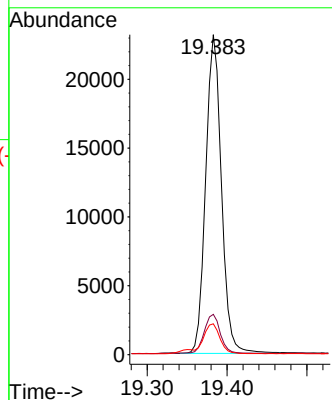
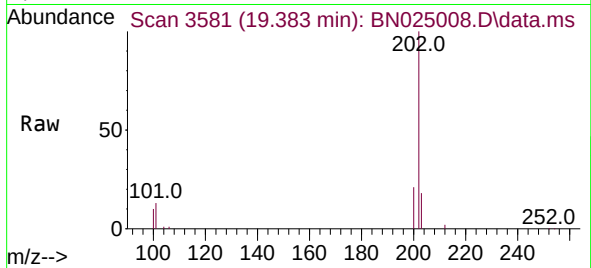




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.383 min Scan# 31652
Delta R.T. -0.004 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

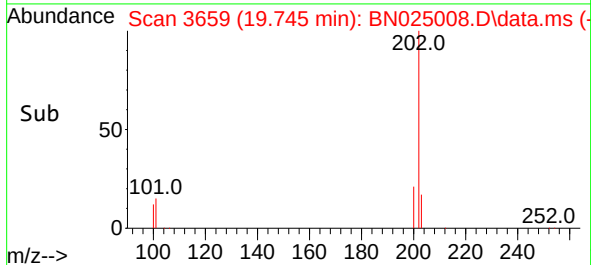
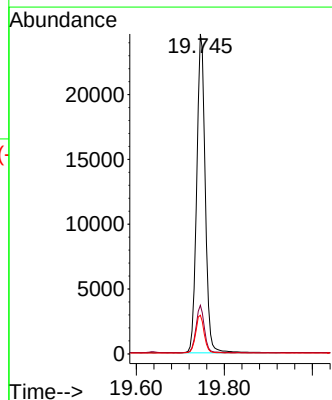
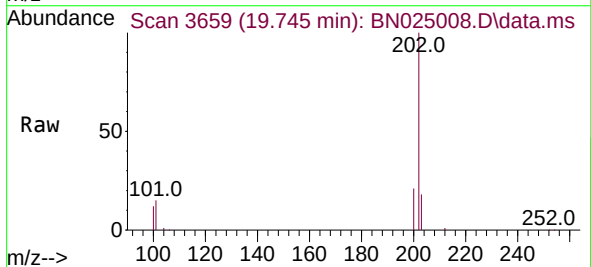
Instrument :
BNA_N
ClientSampleId :
SLCS130

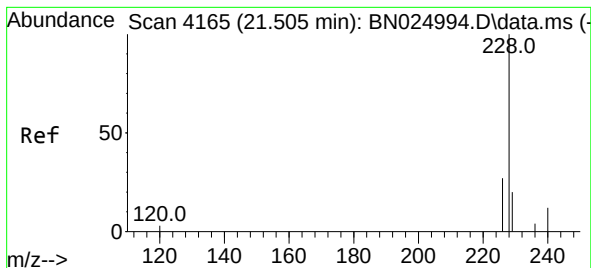
Tgt Ion:202 Resp: 31652
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:202 Resp: 33081
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 12.1 9.5 14.3





#21

Benzo(a)anthracene

Concen: 0.434 ng/ul

RT: 21.500 min Scan# 4165

Delta R.T. -0.005 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

Instrument :

BNA_N

ClientSampleId :

SLCS130

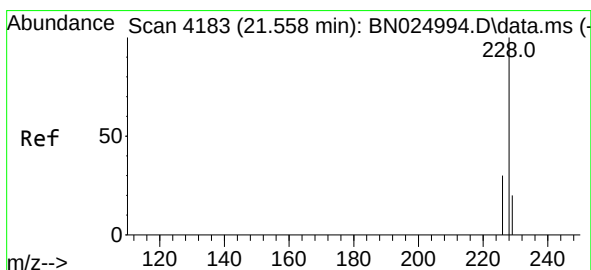
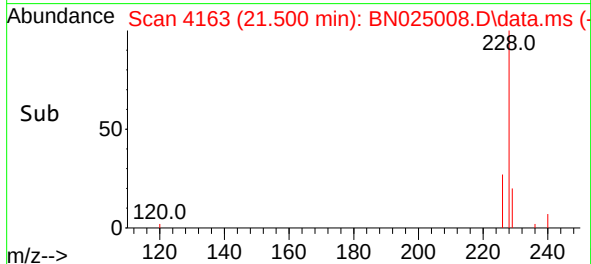
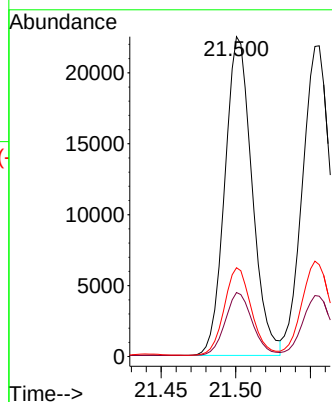
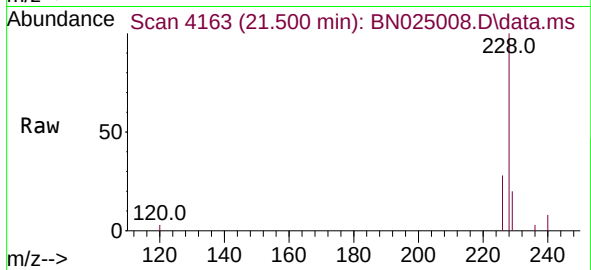
Tgt Ion:228 Resp: 28513

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

226 27.8 22.2 33.2



#22

Chrysene

Concen: 0.415 ng/ul

RT: 21.556 min Scan# 4182

Delta R.T. -0.002 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

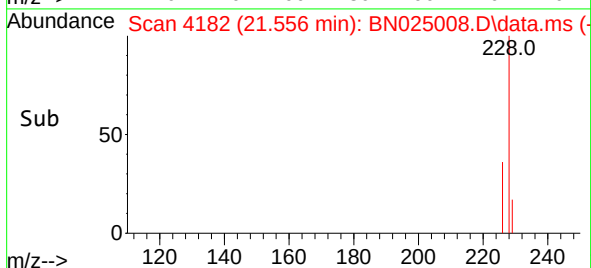
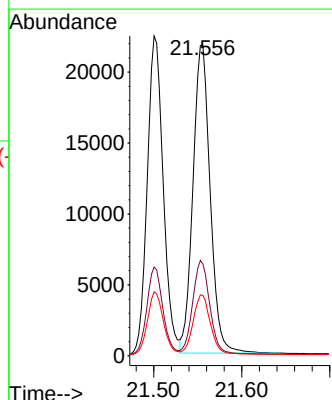
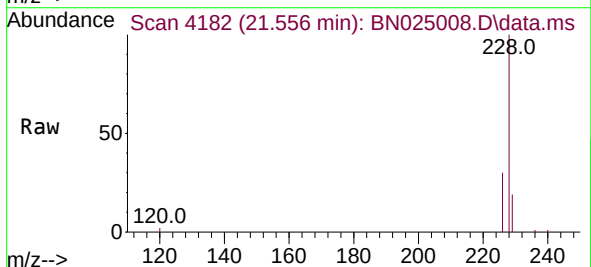
Tgt Ion:228 Resp: 29564

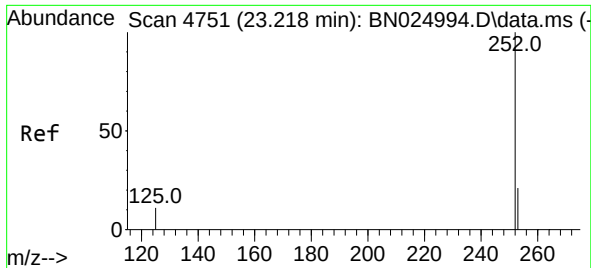
Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 19.4 15.7 23.5

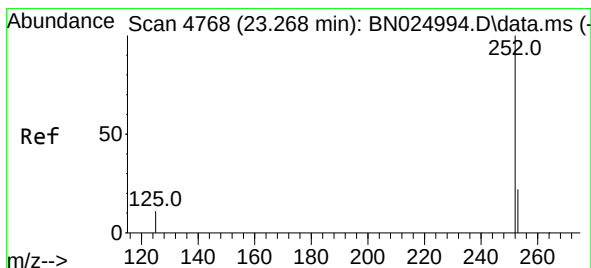
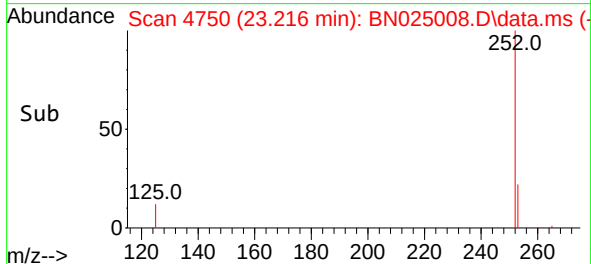
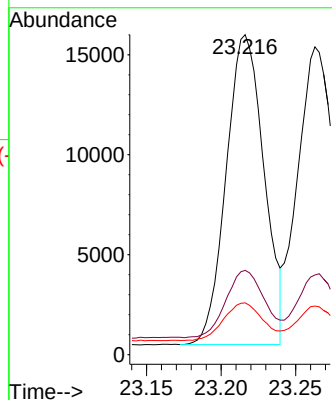
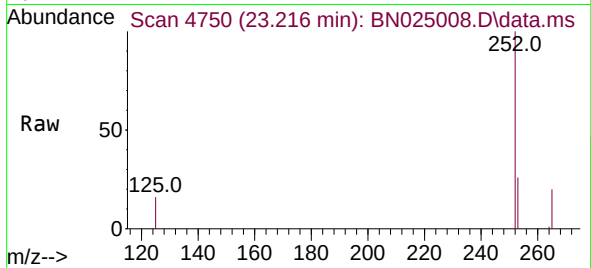




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.216 min Scan# 4750
Delta R.T. -0.002 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

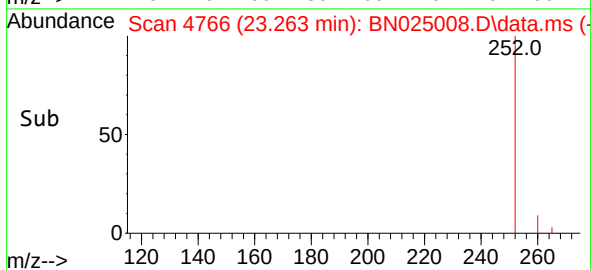
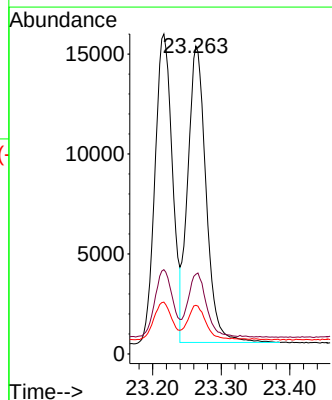
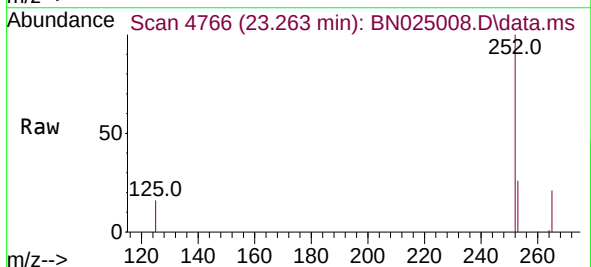
Instrument :
BNA_N
ClientSampleId :
SLCS130

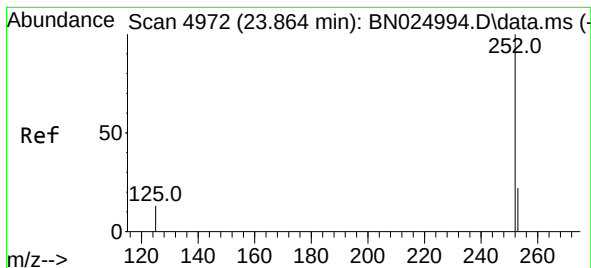
Tgt Ion:252 Resp: 27344
Ion Ratio Lower Upper
252 100
253 26.3 0.0 49.4
125 16.2 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.263 min Scan# 4766
Delta R.T. -0.005 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:252 Resp: 27418
Ion Ratio Lower Upper
252 100
253 25.9 20.1 30.1
125 15.8 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.859 min Scan# 4972

Delta R.T. -0.005 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

Instrument :

BNA_N

ClientSampleId :

SLCS130

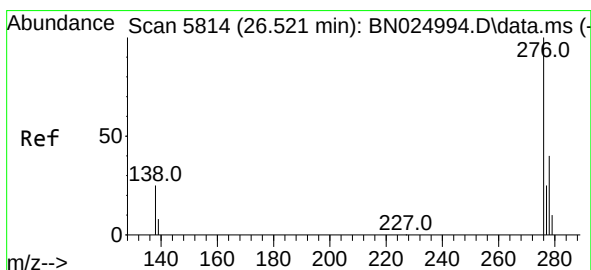
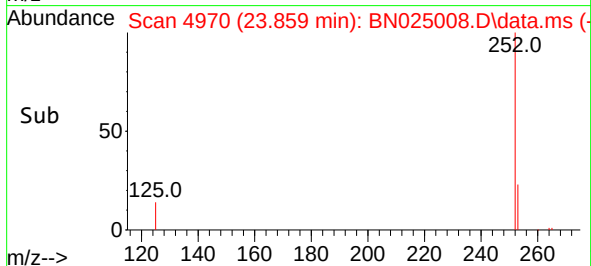
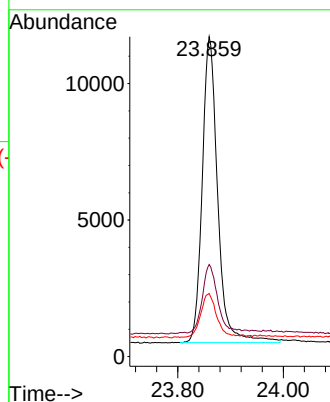
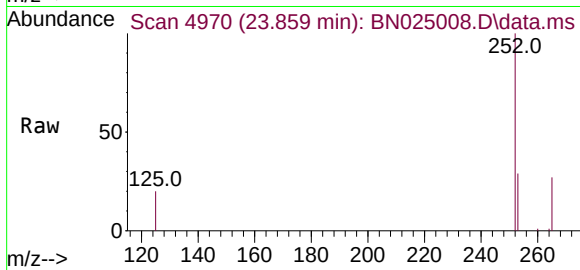
Tgt Ion:252 Resp: 22735

Ion Ratio Lower Upper

252 100

253 28.8 20.7 31.1

125 19.7 15.9 23.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 26.521 min Scan# 5814

Delta R.T. 0.001 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

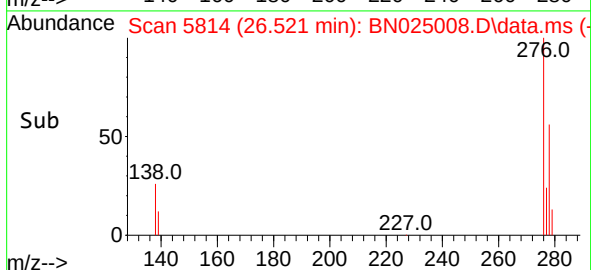
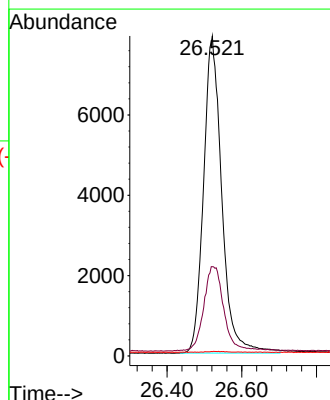
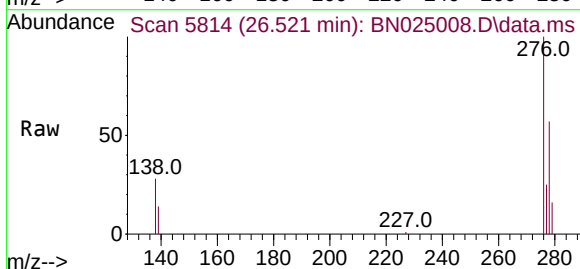
Tgt Ion:276 Resp: 26746

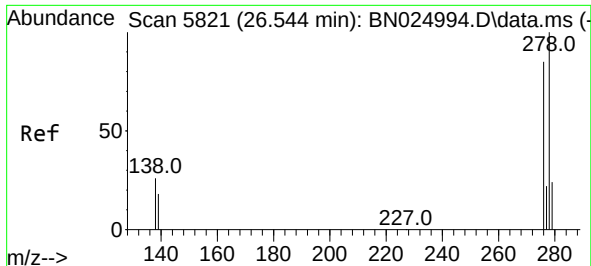
Ion Ratio Lower Upper

276 100

138 29.5 24.2 36.2

227 0.2 0.0 0.0

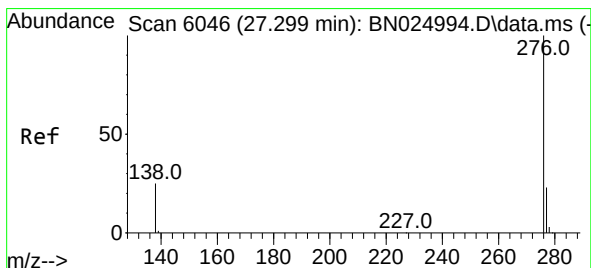
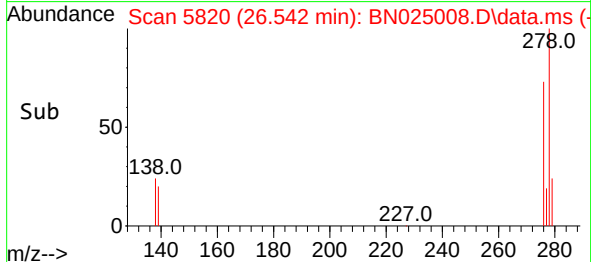
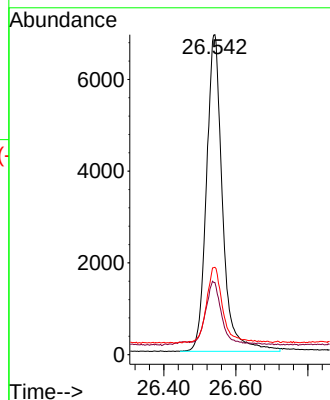
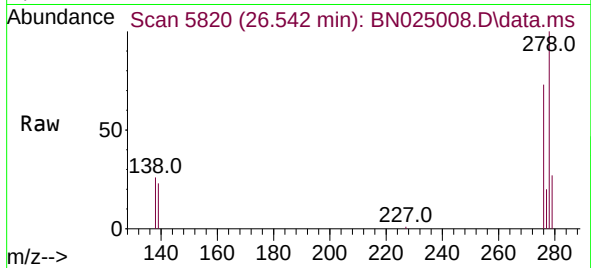




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.002 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Instrument :
BNA_N
ClientSampleId :
SLCS130

Tgt Ion:278 Resp: 21369
Ion Ratio Lower Upper
278 100
139 22.5 16.4 24.6
279 27.3 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 27.303 min Scan# 6047
Delta R.T. 0.004 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:276 Resp: 22544
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 24.4 19.7 29.5

